WEST

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DERWENT-ACC-NO: 1999-611988
DERWENT-WEEK: 199953

TITLE: Dual mode surface wave filter for high frequency applications -
has at least two filter units on piezo electrical substrate each of
which has two acoustic transducers between two reflectors

INVENTOR: BAIER, T; STRAUSS, G

PATENT-ASSIGNEE:
ASSIGNEE   CODE
SIEMENS MATSUSHITA COMPONENTS   SIEI

PRIORITY-DATA: 1998DE-1018038 (April 22, 1998)

PATENT-FAMILY:
PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
DE 19818038 A1	November 4, 1999		011	H03H009/64

APPLICATION-DATA:
PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
DE 19818038A1	April 22, 1998	1998DE-1018038	

INT-CL (IPC): H03 H 9/145; H03 H 9/64

ABSTRACTED-PUB-NO: DE 19818038A
BASIC-ABSTRACT:

The filter can be operated either symmetrically or in an unbalanced
mode, and has at least two serial or parallel coupled filter units
(F1,F2) on a piezo electrical substrate. Each filter unit has at least
two acoustic transducers, between two reflectors (R), coupled to the
inputs and outputs (IN,OUT) of the filter.

At least two filter units, with at least one reflector between the
units, are arranged side-by-side in a first track inline arrangement.
The apertures of the filters are vertically arranged to the
propagation direction of the acoustic surface wave, and are arranged
on the same level. Preferably, the inputs of the two filter units of
the first track, and the outputs of the filter units, are coupled in
parallel.

USE - For high frequency applications.

WEST Search History

DATE: Thursday, April 03, 2003

Set Name side by side	Query	Hit Count	Set Name result set
DB=EPAB,DWPI; PLUR=YES; OP=ADJ			
L6	(surface acoustic wave or acoustic wave or surface wave or saw or elastic wave or surface active wave) and impedance and ((balance$ and unbalance$) or balun or differential)	23	L6
DB=JPAB; PLUR=YES; OP=ADJ			
L5	L4 and ((balance$ and unbalance$) or balun or differential)	18	L5
L4	(surface acoustic wave or acoustic wave or surface wave or saw or elastic wave or surface active wave) and impedance	470	L4
DB=USPT; PLUR=YES; OP=ADJ			
L3	L2 and impedance	93	L3
L2	L1 and (balanced with unbalanced)	175	L2
L1	(surface acoustic wave or acoustic wave or surface wave or saw or elastic wave or surface active wave)	60770	L1

END OF SEARCH HISTORY